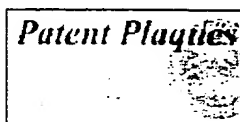


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JP8038889A: ADSORBENT OF NITROGEN OXIDE AND REMOVAL OF NITROGEN OXIDE USING THE SAME

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Issued/Filed Dates: **Feb. 13, 1996 / Aug. 3, 1994**

Application Number: **JP1994000182573**

IPC Class: **B01J 020/06; B01D 053/02; B01D 053/34; B01D 053/56; B01D 053/81;**

Abstract: **Purpose:** To efficiently remove nitrogen oxide (NOx; nitrogen monoxide and nitrogen dioxide), especially, nitrogen dioxide contained in exhaust gas in low concn.

Constitution: An adsorbent of nitrogen oxide is characterized by containing zirconia and ruthenium. At least one kind of oxide of a metal selected from a group consisting of manganese, iron, cobalt, nickel, copper, zinc, lead and cerium can be also added to the adsorbent. The specific surface area of the adsorbent is pref. 10m²/g or more and the vol. of the pores with a pore size of 0.2-5µm thereof is 0.02cc/g or more.

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Foreign References: **none**

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